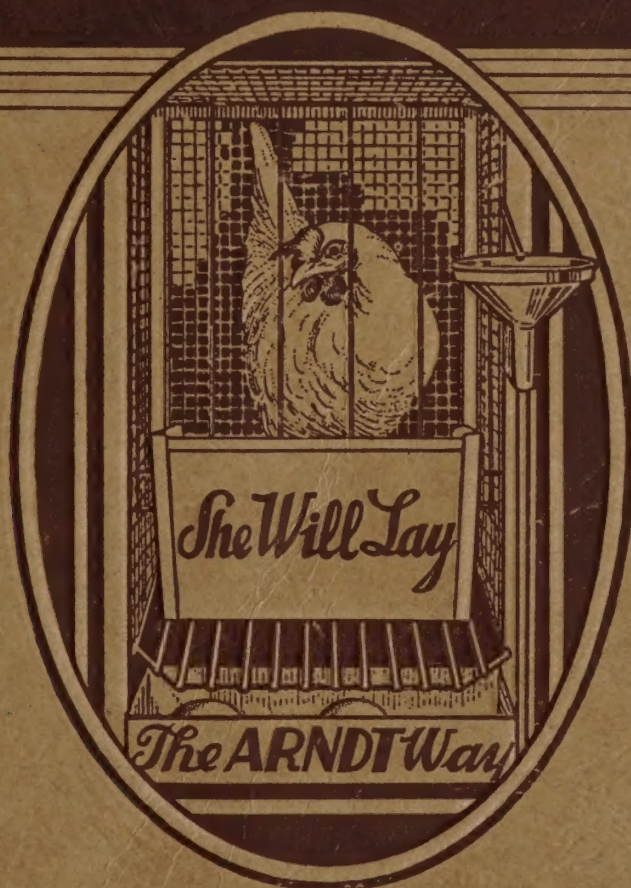


ARNDT

New-Era System
of PROFITABLE
POULTRY RAISING



Our Latest Price List No. 24

M. H. ARNDT MFG. CO. Trenton, New Jersey

This price list issued May 1st 1935 supercedes and cancels all other price lists and special prices issued heretofor.

Prices Subject to Change Without Notice.

GENERAL SPECIFICATIONS ON ARNDT STARTING AND GROWING UNITS

The entire frame work of each unit is made up of 1" x 1" heavy galvanized angle iron.

Each compartment is 34" long, and 16½" deep. 561 square inches of floor space. 13" head room. 2 compartments to each deck.

Each deck is complete with 2 feed pans, 1 water pan, 1 large roll of paper, 2 wire bottoms, 6 adjustable guarded gates and 1 center partition. Two drop pans can be supplied for each deck instead of the paper roll and its equipment if wanted. Each drop pan is 17" x 32".

Any compartment for chicks can be equipped at anytime with a Hoover Heater.

Starting water and feed pans are 4" wide, 2" deep and 34" long.

Growing feed and water pans are 5" wide, 4½" deep and 34" long.

Starter wire bottoms are made with special ½" mesh.

Growing wire bottoms are handmade with ¾" mesh.

Hoover Heaters are 6" high, 20" long and 12" wide. Each Hoover is equipped with cord, plug, 2 sockets and 2 Rosy Glow heat bulbs. Each heat bulb is rated at 20 watts. Hoover Heaters are not equipped with thermostats because thermostats are not required. Each

chick selects the temperature either outside or under the Hoover according to its needs. Average electric cost per chick for 4 weeks is 1¢.

Rosy Glow heat bulbs are very sturdy but when needed replacements can be had at 25¢ each. Not sold separately without equipment.

Each unit is shipped knocked down and securely crated.

Blue prints and setting-up directions accompany each unit.

Paper rolls are standard equipment on starting and growing units.

Each unit comes complete with a special roll of paper for each deck and is also complete with the angle supports and bearing rods for each roll.

The paper is supported throughout the length of the unit.

The paper is specially treated so it does not deteriorate the value of the droppings. It soon dissolves by the action of the ammonia in the droppings when placed on the compost heap.

Paper and droppings should be removed twice a week. Each roll of paper will last on a single unit for 160 cleanings or 83 weeks on a single unit deck.

Replacement rolls will be furnished at cost.

GENERAL SPECIFICATIONS ON SECTIONAL GROWING UNITS

Sectional growing units are equipped with a fresh running water system as standard equipment.

Each unit comes complete with 8 aluminum water fountains, copper tubing, spigot and fittings to attach to water line or tank.

The commercial models are standard with the composition belt system complete with steel supports, steel rollers, cable and necessary equipment. Special cleaning pan with knife attached included with first order.

It is used for all decks of all units. Extra ones, if wanted, are \$2.50.

Dropping pans, if wanted, can be substituted for paper rolls on the 1- and 2-section units, but are not recommended for longer units.

The paper roll equipment is not recommended for more than 4 sections unless droppings are removed daily.

Floor drains shown on sectional units not furnished.

ARNDT EG-A-DA LAYING UNITS GENERAL SPECIFICATIONS

Units are all standard; 3 decks in height. Each individual compartment is fitted complete with special wire floor, shield, feed pan, and egg tray. Water may be supplied in two different styles—either hand-filled or automatic fresh running water. All commercial laying units of 48 cages or more can be used either as hand-filled or running water with no adjustments.

The frames of the Arndt Eg-A-Da Units are of sturdy special 1½" and 2" galvanized angles.

Compartment partitions are of durable and lasting galvanized wire mesh material. All compartments are 18" high. All joints are electrically welded and the entire unit is built to last.

The wire floors are made of a special alloy coated springy steel wire, built with the hen's comfort in view. Will deliver every egg to egg basket. This special alloy wire is electrically welded throughout, making a strong, durable job. It is non-rusting.

Feed pans are of extra heavy full-coated galvanized sheeting, of special and scientific design, equipped with a non-waste lip.

The egg basket is unique in design and construction, being an extended part of the wire bottoms. It is shielded from sight of the birds.

Hand-filled water pans are of heavy galvanized metal, designed to hold an adequate supply for the hens for a full day. All joints are heavily soldered.

The fresh running water system consists of copper lead pipes from your main water line, which flows into durable, well made, special designed, long water pans. Five pounds pressure is all that is required. Works splendidly from tanks. This system comes to you complete to hook to your present water line. Also drains and overflow cones are supplied to take off the surplus water and for cleaning purposes.

The commercial models are standard with the composition belt system complete with steel supports, steel rollers, cable and necessary equipment. Special cleaning pan with knife attached included with first order. It is used for all decks of all units. Extra ones, if wanted, are \$2.50.

Interlocking drop pans supplied take care of 2 birds each. They are 12" long and 32" wide.

Paper roll equipment consists of 6 brackets, 3 bearing rods and 3 large rolls of sanitary tough paper. Special wire support under each deck for paper to slide on.

TERMS AND DELIVERIES

All prices are F. O. B. Factory. Shipments in 10 days' time. Terms 2% discount if cash in full accompanies order, otherwise 20% with order and balance sight draft attached to bill of lading.

On sight draft shipments always state name and

address of bank sight draft should be drawn on.

The design and operation of these models are properly protected by law. All imitations and infringements will be prosecuted. Originated and designed by M. H. Arndt.

Our Latest Price List No. 24

TYPE OF EQUIPMENT	SPECIFICATIONS			CAPACITY				Ship- ping Wgt.	Com- part- ments	Hoover Htrs.	Price	Cleaning System			Water System		
	Width	Length	Height	Chicks 4 wks.	Broilers to 12 wks.	Pullets to 4 mo.	4 mo. and over										
Single Deck Chick Units—2 Hoover Heaters	3' 6"	3' 6"	23"	100				40	2	2	\$ 14.00	Paper Rolls or Drop Pans			Hand-Filled	Water Pans	
Two (2) Deck Chick Units—4 Hoover Heaters	3' 6"	3' 6"	38"	200				80	4	4	28.00	" " " " "			" "	" "	" "
Three (3) Deck Chick Units—6 Hoover Heaters	3' 6"	3' 6"	54"	300				125	6	6	42.00	" " " " "			" "	" "	" "
No. 1 Heated Starting Units—4 Decks— 8 Hoover Heaters	3' 6"	3' 6"	5' 9"	400				170	8	8	56.00	" " " " "			" "	" "	" "
No. 2 Unheated Starting Battery—4 Decks	3' 6"	3' 6"	5' 9"	400							40.00	" " " " "			" "	" "	" "
Hoover Heaters—each	12"	20"	6"	50							2.00	Packed in Lots of 4 or More			" "	" "	" "
Combination Start and Grow Units	3' 6"	3' 6"	5' 9"	100	90			160	8	2	44.00	Paper Rolls or Drop Pans			" "	" "	" "
25-Broiler-A-Week Plant	3' 6"	6' 2"	5' 9"	100	175			300	16	2	81.00	" " " " "			Hand-Filled or Running Water		
50-Broiler-A-Week Plant	3' 6"	10'	5' 9"	200	350			450	24	4	122.00	Paper Rolls or Comp. Belt			" "	" "	" "
75-Broiler-A-Week Plant	3' 6"	12' 10"	5' 9"	300	800			650	32	6	163.00	Composition Belt			" "	" "	" "
Single Section Growing Units	3' 6"	3' 6"	5' 9"		100			150	8		40.00	Paper Rolls or Drop Pans			" "	" "	" "
Two-Section Growing Units	3' 6"	6' 2"	5' 9"		200			300	16		77.00	" " " " "			" "	" "	" "
Three-Section Growing Units	3' 6"	10'	5' 9"		300			450	24		122.00	Composition Belt			" "	" "	" "
Four-Section Growing Units	3' 6"	12' 10"	5' 9"		400			600	32		151.00	" " " " "			" "	" "	" "
Five-Section Growing Units	3' 6"	15' 8"	5' 9"		500			750	40		188.00	" " " " "			" "	" "	" "
Six-Section Growing Units	3' 6"	18' 6"	5' 9"		600			900	48		225.00	" " " " "			" "	" "	" "
Seven-Section Growing Units	3' 6"	21' 4"	5' 9"		700			1050	56		262.00	" " " " "			" "	" "	" "
Eight-Section Growing Units	3' 6"	24' 2"	5' 9"		800			1200	64		299.00	" " " " "			" "	" "	" "
Two-Section Developing Units	3' 6"	4' 6"	5' 9"			72		250	6		45.00	Paper Rolls or Drop Pans			Hand-Filled	Water Pans	
Three-Section Developing Units	3' 6"	6' 6"	5' 9"			108		375	9		67.50	" " " " "			Hand-Filled or Running Water		
Four-Section Developing Units	3' 6"	9' 6"	5' 9"			144		500	12		90.00	Composition Belt			" "	" "	" "
Five-Section Developing Units	3' 6"	11' 6"	5' 9"			180		625	15		112.50	" " " " "			" "	" "	" "
Six-Section Developing Units	3' 6"	13' 6"	5' 9"			216		750	18		135.00	" " " " "			" "	" "	" "
Seven-Section Developing Units	3' 6"	15' 6"	5' 9"			242		875	21		157.50	" " " " "			" "	" "	" "
Eight-Section Developing Units	3' 6"	17' 6"	5' 9"			278		1000	24		180.00	" " " " "			" "	" "	" "
12 EG-A-DA Laying Units	3' 6"	2' 6"	5' 9"				12	125	12		18.00	Drop Pans or Paper Rolls			Hand-Filled	Water Pans	
18 " " " "	3' 6"	3' 6"	5' 9"				18	250	18		27.00	" " " " "			" "	" "	" "
24 " " " "	3' 6"	4' 6"	5' 9"				24	375	24		36.00	" " " " "			" "	" "	" "
36 " " " "	3' 6"	7' 6"	5' 9"				36	420	36		54.00	Paper Rolls or Drop Pans			" "	" "	" "
48 " " " "	3' 6"	9' 6"	5' 9"				48	480	48		84.00	Composition Cleaning System			" "	" "	" "
54 " " " "	3' 6"	10' 6"	5' 9"				54	540	54		94.50	" " " " "			" "	" "	" "
60 " " " "	3' 6"	11' 6"	5' 9"				60	600	60		105.00	" " " " "			" "	" "	" "
66 " " " "	3' 6"	12' 6"	5' 9"				66	660	66		115.50	" " " " "			" "	" "	" "
72 " " " "	3' 6"	13' 6"	5' 9"				72	720	72		126.00	" " " " "			" "	" "	" "
78 " " " "	3' 6"	14' 6"	5' 9"				78	780	78		136.50	" " " " "			" "	" "	" "
84 " " " "	3' 6"	15' 6"	5' 9"				84	840	84		147.00	" " " " "			" "	" "	" "
90 " " " "	3' 6"	16' 6"	5' 9"				90	900	90		157.50	" " " " "			" "	" "	" "
96 " " " "	3' 6"	17' 6"	5' 9"				96	960	96		168.00	" " " " "			" "	" "	" "
102 " " " "	3' 6"	18' 6"	5' 9"				102	1020	102		178.50	" " " " "			" "	" "	" "
108 " " " "	3' 6"	19' 6"	5' 9"				108	1080	108		189.00	" " " " "			" "	" "	" "
114 " " " "	3' 6"	20' 6"	5' 9"				114	1140	114		199.50	" " " " "			" "	" "	" "
120 " " " "	3' 6"	21' 6"	5' 9"				120	1200	120		210.00	" " " " "			" "	" "	" "

Paper rolls or drop pans can be used on any of these models if wanted.
Running water system included complete. Each unit, however, can be operated by hand-filling of pans where running water is not available. Works equally well both ways.
Metal, rubber or special belts at slight extra cost. No allowance made on composition belts.

ACCESSORIES	Width	Cost per Foot	No. of Feet	Cost per Roll	Price	Qt.	Gallon
Composition Belt	32"	.05	72	\$3.00			
Metal Belt	32"	.17					
Rubber Belt	32"	.40					
Paper Rolls	32"		350	1.25			
Electric Spray Gun					\$18.00		
Hand Spray Gun					2.10		
Insecticide						\$1.75	\$5.00
Acme Egg Scale					2.65		
10X Spray						1.00	3.50
Egg Baskets (Package of 6)					4.50		
Humidity Gauge					2.45		
Thermometer					.80		
Red Window Laquer (Pint)					1.50		
Rosy Glow Bulbs (Dozen)					3.00		
Egg Record Cards (500)					3.00		
Individual 2-Year Record Sheets (100)					1.00		

VENTILATION

FANS, Heavy Duty Roller bearing Ventilating Fans

	Price	Capacity	Weight
8"	\$15.00	840 cu. ft.	12 lbs.
12"	25.00	1260 " "	25 " "
16"	35.00	1800 " "	41 " "

Roof Ventilator 16" — 50 lbs. \$20.00
Electric Mercury Vapor Thermostat 22.50

OIL HEATERS

Arndt Small Oil Heater \$ 35.00
Arndt Complete Oil Burning, Heating and Ventilating Plant 265.00

Larger sizes available for all buildings. These larger sizes can be equipped with air filters, washers, humidity controls, etc. to completely air condition any room. We will be glad to quote on all these special installations and guarantee perfect satisfaction. No condition too hard or too large to handle perfectly. Dust and odor completely eliminated.

A System That Grew Out of Personal Experience

We Have Grown Up In This Work—Let Our Experience Help You

THE ARNDT *New-Era* System of Poultry Raising has been developed little by little through eight years of experimentation, research and demonstration.

All my life, I have been interested in poultry. As early as 1916, I had a flock of 1,500 birds. I raised chickens by the best floor methods then known, yet I found that a great many conditions were beyond my control.

I was one of the first to experiment with multiple deck brooders. I saw at once that here was a method which enabled me to control conditions instead of being controlled by them.

The multiple-deck brooders enabled me to control circumstances—heat, moisture, ventilation and sanitation.

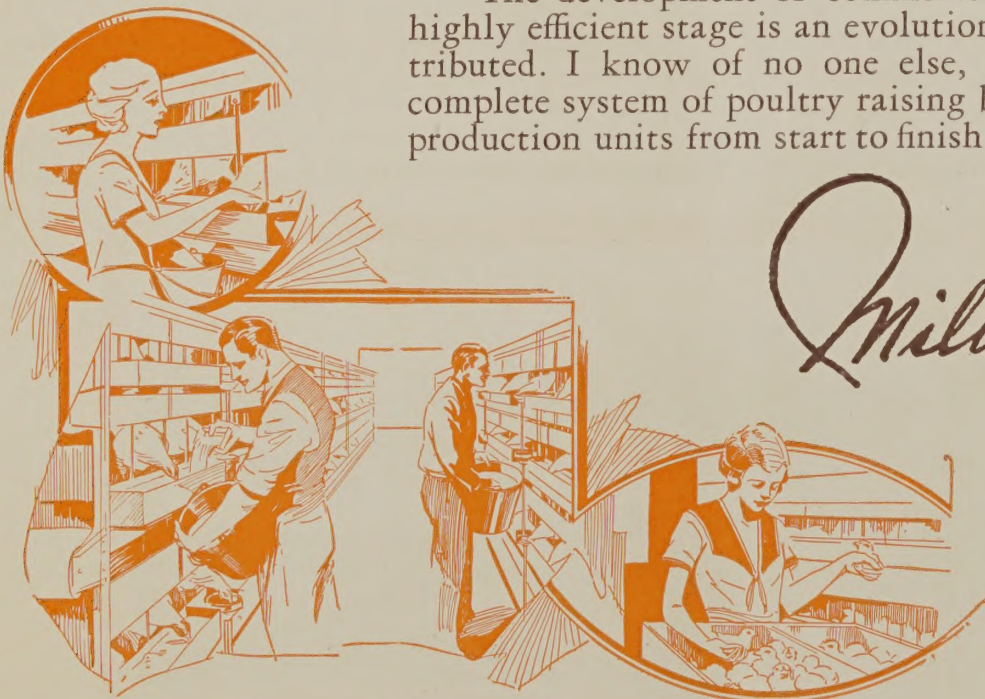
I pressed on with further experiments. If chicks could be brooded successfully in “skyscraper” units, could not older chicks be handled with similar equipment? I found that this was possible. Gradually, the period in the production units was extended until it included laying hens. Our first installation of several hundred layers in cages was in full operation in 1928. At first, five or six hens were kept in a cage. This did not permit of complete control. The final step was to provide an individual cage for every layer.

I then conducted breeding experiments to test the vitality of the caged layers. I bred birds to the third generation and found them vigorous and healthy. Today, our breeding flocks are composed of pedigreed layers which have lived from 1 to 2 years in cages.

The development of confinement poultry raising to its present highly efficient stage is an evolution to which many men have contributed. I know of no one else, however, who has developed a complete system of poultry raising based on the use of “skyscraper” production units from start to finish.



MILTON H. ARNDT
Pioneer Battery Specialist



Milton H. Arndt

The ARNDT Demonstration Farm

**10,000 Bird Commercial Plant Operated On Acre
Research Also Carried On In Cooperation With Schools and Colleges
Further Work of This Kind Is Welcomed . . . Correspondence Invited**

ON a measured acre of land in a suburb of Trenton, Mr. M. H. Arndt, originator of the Arndt System of Poultry Raising, has erected a complete model commercial poultry plant.

This plant is a fully appointed "indoor poultry farm" with incubator room, brooding room, growing room, developing room, several large laying houses, egg packing room and killing room for dressing poultry.

In these buildings are 10,000 chickens of all ages, from chicks to layers. They spend their entire lives in ARNDT Production Units, different sizes according to their age. They are healthy and contented, entirely free from the various parasites which sap the vitality of chickens on range or confined to houses under the outworn floor method.

One man and a helper perform the routine work on this model plant.

While the ARNDT System of Poultry Raising is now standard commercial practice in thousands of plants, research is being carried on continuously. Much laboratory work is being done in cooperation with schools and colleges.

Practically all innovations in methods are first tried out at this plant. These valuable tests are closely

observed by our service men. When a better way of doing some detail of the work has been approved, it is promptly relayed by the service men to our customers.

This plant is also used for instruction purposes. Students enrolled in the ARNDT Training School are shown how to perform the actual operations necessary to the successful operation of an "indoor poultry farm."

To avoid interfering with the class work, it has become necessary to close many parts of the plant to the visiting public. Those who purchase Commercial installations of ARNDT Equipment will, however, be given every opportunity to study the methods used at this model plant.

The maintenance of this plant, where all the problems of the commercial poultryman must be met and solved is but one phase of ARNDT Service to customers.

This farm is the living example of Mr. Arndt's book "A New Road to Independence" and to the success and practicability of the Arndt system of poultry raising and its simplicity of operation. "We practice what we preach."

Years ago people scoffed at us and our ideas; today this system is spreading throughout the world.

The ARNDT Demonstration Farm, 2759 Nottingham Way, Mercerville, N. J.



ARNDT Advisory Service

Available Only to Our Customers Supplies All Needed Information

THE wonderful success which has been achieved by customers who have consistently followed the ARNDT *New-Era* System of Poultry Raising is due to two factors:

- (1) Correctly designed equipment which provides accommodations for chickens of all ages.
- (2) Expert guidance in the practical use of this equipment.

In the past, many errors have been made both in broiler plants and in "egg factories." This happens in every new business. Such mistakes can now be definitely avoided by contracting with us for our complete service.

This contract may include, if desired, your complete plant, ready to operate, together with instruction in its operation and an occasional check-up to make sure that you are working along approved lines. In this way, you can avoid costly mistakes and the junking of poor or out-moded equipment.

Our experience shows that satisfactory results cannot be obtained by assembling a miscellaneous lot of equipment of several makes. To be really successful, you must stick to ARNDT methods and ARNDT Equipment. You can, however, start in a small way with a single unit of Equipment and build up step by step. You will find several complete plants described in a special folder together with our financing plan.

We will supply you at each step with all the information needed to operate successfully. We will furnish complete plans for such new buildings as you may need, or show you how you can remodel build-

ings now available, providing that they meet with our approval as suitable for the purpose.

ARNDT Service is *exclusively* for customers who purchase ARNDT Equipment direct from us or from one of our authorized dealers. When you buy ARNDT Equipment you receive something more than steel and wire ingeniously built into high-grade equipment, you also receive helpful and practical service which enables you to avoid pit-falls and to press on to assured success.

One Week Training Course

In addition, to all other Service, we offer our customers an intensive training in the ARNDT System of Poultry Raising. This Course is given exclusively by the ARNDT Training School. It includes practical instruction in every operation from receiving the chicks to marketing eggs and other poultry products.

The tuition for this Course is \$50.00. We offer, however, a plan for Tuition Credit Certificates which will make the Tuition practically free to those who purchase sufficient equipment to operate a plant of commercial size. If interested, write us for Curriculum and details of our plan for Tuition Credit Certificates. You will be amazed to learn what can be accomplished in the short space of one week.

Quotations

Write us now for complete quotations. Send blueprints or sketches and tell us just what you want to accomplish. Complete prices and copy of contract will be mailed to you from our engineering department.

Mr. Arndt Dictates a Helpful Letter to a Customer with a Problem.

Scores of men and women attribute their success to individualized service of this kind.



We'll Help You Finance An ARNDT-Engineered Plant

EXPERIENCE has proved that plants erected and operated under the supervision of our Service Department are almost invariably successful. Therefore, we are prepared to help you finance such a plant, provided you own the property on which you propose to operate and can meet certain other simple requirements.

What We Undertake To Do

1. Erect a suitable building on your property. This building will be quickly and efficiently erected by our trained men. Or we will supply plans and specifications and you can erect the building from our specifications.
2. Install an adequate heating plant.
3. Build in Ventilating Equipment.
4. Install ARNDT Starting, Growing, Developing and Laying Units of the latest and best-suited types.
5. Give you or your plant operator a complete training course at our plant, before you start to operate.
6. Supply all needed operating equipment, such as egg scales, egg baskets, cartons, feed trucks, killing knives and hooks, broiler boxes, spray and disinfecting materials, spray gun, red window paint, egg records (monthly and annually), bookkeeping system for your plant, cleaning pans, thermometers and humidity gauges.
7. Give supervision throughout the life of the contract from our Service Department. This includes such visits and inspection as may be necessary.

Under this plan, we require that your plant must be complete in all details. It must be financed under a single contract. Special discounts to those who are able to pay cash in full.

Previous experience with poultry is not necessary for you to make a success with poultry under this plan. We make sure that you have the right equipment, proper housing, heating and ventilation, correct feed and chicks. We teach you everything you need to know in order to operate your plant successfully.

With this "indoor poultry farm" your entire plant is concentrated under one roof where every convenience and labor-saving device is available.

If desired, we will fill your Laying Units with fully developed pullets. Your income will then start immediately.

Or you can start with baby chicks and gradually fill your Laying Units with pullets of your own rearing.

In a special pamphlet, we set forth complete financing plans for fully equipped ARNDT Plants of various sizes. We have definitely proved that ARNDT Laying Units will pay for themselves in two years and eight months. Under a 3-year financing plan you can pay for your equipment from the profits realized, provided that you can set aside these profits to be used exclusively for this purpose.

We also have attractive one and two-year financing plans for those who wish to pay for their equipment more rapidly.

Write for pamphlet giving full details of ARNDT-Engineered Plants and our Financing Plans.



A Complete Indoor Poultry Farm in One Room

A. ARNDT Starting Units for young chicks.

B. ARNDT Growing Units for birds from 4 to 12 weeks of age.

C. ARNDT Developing Units for pullets from 12 weeks of age to maturity.

D. ARNDT Eg-a-Da Laying Units for layers throughout their active careers.

ARNDT No. 1 Production Unit For Starting Chicks

With 8 Hoover-Heaters . . . 4 Heated Decks For Use In Warm Room

THIS unit comes fully equipped with eight electric Hoover-Heaters, one in each compartment. Each heating unit consists of a metal hover with two rosy-glow, carbon-filament bulbs. The rosy-glow of the bulbs makes blood indistinguishable on the chicks and thus prevents cannibalism. The entire unit can be instantly removed from the compartment when heat is no longer needed by the birds.

The capacity of this No. 1 Starting Unit is 400 chicks for 4 weeks. For storage purposes in hatcheries, 600 chicks can be carried for 2 weeks.

Each of the four decks is completely equipped with two feed troughs and one long water pan. The water pan serves the chicks in the two compartments. Each deck is completely equipped with a sanitary paper roll for quick cleaning of the droppings. To clean away the droppings, you simply pull the roll until the fresh paper replaces the soiled. You then tear off the soiled sheet and dispose of it.

Should you prefer dropping pans on your battery, we can supply them in convenient sizes at no extra expense.

All gates are made in 3 parts. Chicks cannot escape when a single gate is opened.

The entire Battery stands 69 inches high with 7 inches clearance under the lower deck for cleaning. You will find this a convenient height for operating.

Each deck can be operated independently of the others. If 100 chicks are purchased weekly, there will be approximately 100 four-week-old chicks ready every week for transfer to the Growing Units. One of these units would supply sufficient starting equipment for a broiler plant marketing from 90 to 100 broilers weekly.

You can purchase one or two of these units now, and later complete a large installation without throwing away one bit of equipment.

Fine for Starting Turkeys

This Battery is ideal for starting turkey poults. There is plenty of head clearance on every deck. To guard against blackhead, start your poults on these sanitary wire floors.

Specifications, price and details on separate sheet.



ARNDT No. 2 Production Unit for Starting Chicks

**Without Hoover-Heaters
For Use In Heated Room**

THIS unit is identical with the No. 1 Starting Unit except that the HOOVER-HEATERS have been omitted. It is intended to be operated in a room where a uniform temperature of 90° F. can be maintained. Such a room is now found in the average hatchery and specialized brooding plant. If not already equipped with a heater, either of the ARNDT Oil Heaters described in this Catalog may be installed.

Specifications, price and details on separate sheet.

Both heated and unheated starting batteries can be purchased in any number of decks from 1 to 4 at proportionate costs. Each deck complete for 100 chicks.



ARNDT Production Units

For Growing Period, 4 to 12 Weeks

THIS is the most efficient equipment ever devised for finishing off broilers and growing pullets up to the age of 12 weeks. It may be used in conjunction with either our No. 1 or No. 2 Starting Unit. A single Growing Unit may also be used in conjunction with the Single-Deck Starting Unit.

The Single Growing Unit is identical with the Combination Starting and Growing Unit, described later, except that the top deck is equipped for birds from 4 to 12 weeks of age.

You can set up a single 4 deck Growing Unit or you can combine two, three or four units in series. There are eight compartments in a unit. Each compartment accommodates from 12 to 13 birds to broiler weight of $2\frac{1}{2}$ lbs. or more. The large commercial machines can be handled wonderfully well up to 8 units under the belt system.

When two or more Units are combined, the Growing Equipment comes equipped for fresh running

water. This is a great boon for the birds and a wonderful labor-saver for the caretaker.

Where three or more Units are combined, Sanitary Flexible Belts may be specified instead of Paper Rolls. With these comes a Removable Cleaning Pan with knife attached. By turning a crank, all droppings are automatically scraped into the pan. The entire four decks can be cleaned, one at a time, in about three minutes. The pan is then removed and the contents dumped.

Dropping pans may be had by those who prefer them to paper rolls or belts on the shorter units.

A complete broiler outfit with a capacity of 100 broilers a week consists of one No. 1 ARNDT Starting Unit and two 4-Section ARNDT Growing Units. Such a plant can be housed in a building 16 ft. x 22 ft. Complete layout of this plant shown in separate bulletin.

Specifications, price and details on separate sheet.

Below: 3-Section ARNDT Growing Unit

3-Section Unit has 24 compartments, each with a capacity of 12 to 13 birds. Youngsters are transferred to this Unit when four weeks old and remain until they reach broiler size.



10 Outstanding Features of ARNDT Production Starting & Growing Units

- 1 Paper Rolls or Belts** instead of dropping pans—strictly sanitary; save 90% of the labor of cleaning. We recommend that Growing Units having three or more sections be equipped with composition or flexible metal belts. The belt cleaning equipment will soon pay for itself by enabling you to save the droppings for sale as fertilizer.
- 2 Three-Section Gates** permit the operator to reach into the cage without allowing birds to escape. Only those who have worked with birds in confinement can realize how much this means.
- 3 Wire Top** instead of galvanized sheet steel. No place for dust to settle. More air circulation for the birds on the top deck. ARNDT Equipment is correct in these details which mean so much in operating a plant.
- 4 Self-Supporting Wire Floor**—no ledges to accumulate filth. It is easy to keep the entire unit in a sanitary, vermin-free condition.
- 5 Feed Troughs Lock on Battery Frame** instead of on gates. Gates can be opened and closed without touching feed troughs.
- 6 3-Section Gate Guards** prevent escape of chicks. Quick to adjust, controlled by spring clips—no bolts and nuts to worry about. You can lift any gate at will.
- 7 Feed Pan Guards** prevent chicks from wasting feed. Without these guards, chicks would “beak” out considerable feed.
- 8 Galvanized Angle-Iron Frame**—Very sturdy. Our frames are amply heavy to carry the load. There is no painted ironwork. Paint will soon chip and allow rust spots to start. Our high-grade galvanizing will stand years of wear.
- 9 All Gates and Wire Work Heavily Coated** with special rust-resisting alloy. Gates are equipped with simple, sturdy hinges and locks that will stand indefinite use. We have not scrimped on these items which mean so much to your permanent satisfaction in using the equipment.
- 10 Commercial Growing Units Can Be Assembled** into groups of two, three or more. The parts are interchangeable. This permits you to expand your plant without scrapping one bit of the equipment you have already purchased.

Close View of Decks with Chicks. Hoover-Heaters, one in every compartment keep the chicks warm. Each Hoover-Heater is equipped with rosy-glow bulbs which supply both heat and soft, rosy light.

ARNDT Hoover-Heaters

These efficient little heating units provide clean, sanitary heat in the most convenient and dependable form. Each unit consists of a galvanized metal hover equipped with two rosy-glow heat bulbs. This electric hover does everything for the chicks that the mother hen can do and does it better.

The rosy-glow of the heat bulbs prevents cannibalism and supplies sufficient light under the hover. It is surprising how quickly the chicks become “Hoover-Wise”. They find just the right heat for their needs.

Should you desire to operate the battery in a heated room, the Hoover-Heaters can be instantly removed.



ARNDT Production Units For Pullets From 12 to 20 Weeks of Age

Also Used For Maturing Friers, Roasters, Capons and Squab Turkeys

THIS is the storehouse for developing pullets from the time they are 12 weeks old until they are ready to lay. This was the last "link" to be supplied in the ARNDT "chain" of correlated poultry equipment and now one of the most important.

Formerly, pullets were moved directly from the broiler unit to the laying unit. It was found, however, that the pullets made better development when held in this specially constructed unit. The cages in the Laying Units are occupied with actual layers. Pullets from 12 to 20 weeks old are too young to lay eggs, so why waste laying cages on them, when they can be held much more economically in this special equipment. Don't think this unit is an extra expense in your plant. It will prove highly profitable.

We have never brought out a unit that met a more urgent need than this Developing Unit which has been called "the missing link" in confinement poultry raising.

There is plenty of headroom in this Unit to accommodate pullets of any size or even mature hens. The pullets can remain here until they actually begin to lay.

We use a specially designed floor in this Unit, strong enough to carry the weight of the heavier birds. Large, roomy feed pans of special design are used on one whole side of this unit. An efficient fresh-running

water system is on the other side, so that fresh water and feed are in front of the birds at all times.

These large, roomy compartments extend completely across the Unit. The pullets are continually exercised by traveling back and forth across the compartment, first for water and then back again for feed.

There are many other uses for this Unit in your "indoor poultry farm." Heavy friers, large roasters, capons and even squab turkeys weighing up to eight or ten pounds can be successfully grown in this Unit until ready for market. An extra unit of this type can also be used on commercial plants for fattening and storing cull hens from cages or floor or range cockerels. It is also possible to make up stud matings for breeding.

We can supply this Unit in any number of sections. The 2-Section Unit is equipped with drop pans or paper rolls and hand filled water pans. The 4-Section Unit is equipped with a Composition Belt for automatic cleaning.

Since 12 pullets are placed in each compartment, the 2-Section Unit has a capacity of 72 pullets and the 4-Section Unit a capacity of 144 pullets. The pullets usually remain in this Unit from eight to ten weeks before being transferred to the laying cages. Therefore, a 4-Section Developing Unit will supply from 15 to 18 layers a week, ready for the Laying Units.

Specifications, prices and details on separate sheet.



ARNDT Pullet Developing Unit.

Pullets enter this Unit when about 12 weeks old and remain until ready to lay. The Unit may also be used for raising squab turkeys and capons.

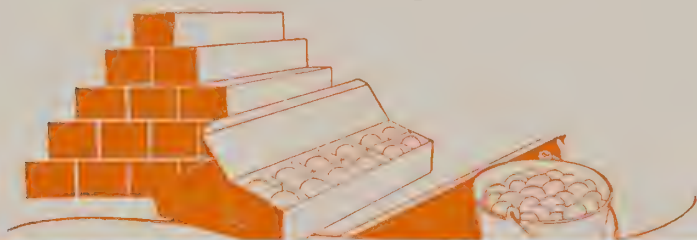
ARNDT Commercial Laying Units

The Ideal Equipment For Commercial Egg Factories

THIS is the equipment for the man or woman who wishes to operate a modern commercial egg factory and make a handsome income. These Units have never been equalled as labor savers. With them, one man can care for approximately 3,000 to 4,000 layers.

It is not necessary, however, to start on so large a scale. You can make a beginning with one, two or three 72-Hen Units and gradually expand your operations. A very popular set-up consists of ARNDT Laying Units for approximately 1,000 layers, together with sufficient ARNDT Starting, Growing and Developing Units to assure an unfailing supply of pullets for replacement.

Our Service Department will furnish complete plans and specifications for erecting, heating and ventilating your egg factory. Further, if you will agree to certain simple requirements, we will actually erect the building and install all equipment.



Latest Labor-Saving Improvements

Improvements never before available have been incorporated into these superb units. Every practicable labor-saving feature has been built into this equipment. Other improvements are designed primarily to promote the health and comfort of the birds.

High-Speed Belt Cleaning System

The cleaning system used on these Units is the last word in sanitation. By simply turning a crank, the operator can clean the droppings from an entire deck. As the crank is turned, the droppings belt revolves against a blade which removes all refuse. The droppings are collected into a specially constructed pan, and readily disposed of. We operate the belts twice each week.

We recommend that you equip your ARNDT Laying Units with flexible metal belts, which we can supply at a slight advance over the regular equipment of composition belts.

ARNDT Eg-a-Da Commercial Laying Units
Equipped with Fresh Water System and High-Speed
Cleaning Equipment



ARNDT Commercial Laying Units — Continued

An Efficient Water System

This consists of long specially designed pans the length of each deck. These pans are connected to the running water system or, if that is not available, the system can readily be hand-operated. There is no danger whatever of the birds being without water should your pump or water system temporarily fail.

Two buckets of water a day will satisfy all of your layers in one of these Units. It is much easier, however, to connect this system directly to your pipe line. Then all of your birds can be watered every day by simply turning a faucet. Special overflow plugs and drain pipes complete your water equipment.

Beware of equipment using running water at all times. Drip system ideas on commercial plants use tons of water to keep them operating. They have hundreds of valves to watch and should a few get dirty and clog, your birds might be out of water for a whole day. They can't lay without plenty of water. Should your electric pump fail or your water system be shut off you are absolutely powerless to get water to your birds; no water means no eggs. We completely discontinued using that type of water system two years ago.

The long pans holding the water are never removed from the Units but are flushed and cleaned by removing the overflow plugs.

There are no tubes or cups to fuss with and no spilling of water into the feed. Nowhere will you find such ease and efficiency in handling large commercial plants.

Geared for Mass Production

With these wonderful Eg-a-Da Units in place, you are geared for mass production of eggs of the highest quality. Never in the history of the poultry industry has there been such efficiency. The labor of caring for the birds is reduced to the lowest terms. One man can care for about 4,000 layers if given some help in packing and marketing the eggs.

Although operating on a mass production basis, you have an individual record of the production of every layer. Loafers can be detected and promptly removed.

A monthly culling will keep your flock at top production practically all the year around. You can count on a fairly uniform flow of eggs every month in the year. This steady production is of the utmost importance in serving a private trade, such as an egg route, restaurant or hotel. You can make contracts knowing that you will have the eggs with which to fill them.

With such an egg factory as we have described, you enjoy a continuous and profitable income. You can pay yourself a handsome salary as manager and still show a good return upon your capital investment.

Your hours will be regular and working conditions pleasant. In most plants, Sunday work can be practically eliminated and a day of rest enjoyed.

Write our Engineering Department, telling the size of the egg factory you wish to operate. We are equipped to render a complete service, including building, equipping, supervising and financing your plant in every detail, even your operating equipment will be furnished and a trained operator.

Specifications, price and details on a separate sheet.



ARNDT Eg-a-Da Laying Unit

This is a standard commercial unit with a capacity 72 hens. Fresh water is piped into the unit and is available to every bird. Feed is always within easy reach. The eggs, when laid, roll out of harm's way and can be easily picked up.

Why ARNDT Eg-a-Da Laying Units Are Far In Advance of All Others

- 1 Interchangeable Parts**—You can start with a small unit and enlarge it from time to time.
- 2 Unequaled Sanitary Construction**—Every part of the Unit is completely galvanized or made of rustproof steel. No crevices, holes or bars to catch droppings or harbor parasites or germs. Water troughs very easily cleaned. Wire bottoms and feed pans instantly removable.
- 3 Complete Isolation of Every Bird**—Every bird is completely separated from her neighbors, yet there is ample air and light for all. Feather-pulling and cannibalism are impossible.
- 4 Every Egg Fully Protected**—No more eggs lost through egg eaters. Less than $\frac{1}{4}$ of 1% breakage with this new Eg-a-Da Model.
- 5 No Wet or Sour Feed**—No spilling of water into the feed. Dry feed is a great factor in maintaining a vigorous appetite.
- 6 Economy of Floor Space**—The Units can be fitted to your building. In large installations, only $1\frac{1}{2}$ square feet of floor space per bird is required.
- 7 Permanent Record Card Holders**—Conveniently arranged for all three decks, on *top* deck. No bending necessary in marking up records.
- 8 No Gates to Bother With**—Every bird is kept in her own cage by adjusting the feed and water pan in front of her. Simplest and most practical plan ever devised.
- 9 Sloping Wire Floors**—Made of springy, non-rusting alloy coated steel wire. Correctly designed for foot comfort of the birds. Never clogs with feathers, even in heaviest molt.
- 10 Efficient Water System**—Can be either hand-filled or connected with running water. No loss of water, except when cleaning pans.
- 11 Wire Bottoms Extend to Form Egg Trays**—All eggs are in plain sight at all times, yet out of harm's way. Easy to gather and count. This system automatically cools every egg as soon as laid. Very important today.
- 12 Special Shields Protect Feed and Water**—These guards are built into the equipment underneath the wire bottoms to keep dust and dirt from getting into the feed and water on lower decks.
- 13 Removable Cleaning Pan**—This pan with knife attached is a part of the labor-saving cleaning equipment. All droppings are scraped from the belts by special knives. The pan can then easily be removed and the droppings disposed of. One pan supplied with first machine. This same pan can be used for any number later on.
- 14 Sanitary Flexible Metal Belts**—These are now available at a small additional cost over composition belts. They can be scraped cleaner and last longer. Composition belts are standard equipment on commercial units unless otherwise specified.
- 15 Greater House Capacity**—Only $1\frac{1}{2}$ square feet of floor space required for each cage, in average building.
- 16 Commercially Practical**—The only production units definitely proven in thousands of installations of from 1,000 to 12,000 cages all over this country and in 50 other countries all over the world.

WHY EXPERIMENT? USE THE BEST. IT WILL BE MUCH CHEAPER IN THE END.

Less Labor Required, Also Less Feed

Labor of caring for the birds is reduced by about two-thirds. One man can care for 3,000 to 4,000 layers in ARNDT modern automatic equipment.

Layers in units consume on the average 12 lbs. less feed in a year. This at the low rate of 2c a lb. represents a saving of 24c a year on every bird.

You can double the capacity of your present buildings by installing ARNDT Laying Units.

You save on equipment because you do not need roosts, nests, feed and grain hoppers, brooder houses, range shelters, water pans, fencing or partitions. The average cost of such fittings is about \$1.00 per bird.

You save on litter, both on the cost of the litter itself and the labor of handling it. The cost of litter under old methods averages about 25c a bird yearly.

On our commercial customer plants which are completely serviced by our service department it has been definitely proved that the extra savings alone on feed, labor, mortality, disease and litter will pay for this modern equipment in two years and eight months. The big question today is whether the old fashioned floor poultry plant can long exist and continuously put up with all the hardships, mortality, cannibalism, etc. They have no definite records on production and can't cull the loafers that eat up profits.

ARNDT Production Units For Egg Factory Layers

A Poultry Farm On a City Lot

PERHAPS you are a city dweller who has always wanted to raise poultry. Today, you can have an "indoor poultry farm," under one roof on a suburban lot.

Fresh Eggs and "Pin Money"

Perhaps you are a housewife, puzzling how to make ends meet with living costs rising faster than income. By giving only a little time daily, you can supply your table with fresher, tastier eggs than you can buy. Place a dozen hens in an ARNDT Laying Unit and your egg supply is assured. With a 48- or 60-Hen Unit, you can also supply a number of neighbors and enjoy a steady cash income. We can supply perfect pullets ready-to-lay.

Modernizing the Poultry Farm

Perhaps you are an experienced poultryman who is wondering if it would pay to make over your plant with ARNDT Units. You can easily prove for yourself that the ARNDT System earns bigger profits than you have ever been able to get with floor methods.

With a properly equipped modern egg factory, you are master of your business. You can control those factors that determine profit. You can supply your customers with the same number of eggs every month of the year and forget the regular moulting season.

Disease Prevented, Vermin Avoided

You have almost complete control of disease. There is no contaminated food or drinking water. The birds are protected from infestation by worms and other internal parasites because they live on sanitary wire floors.

Cannibalism is quite impossible in ARNDT Laying Units. Mortality can be held low throughout the laying year.

Lice and mites are practically unknown where a proper sanitation program is followed.

Eggs Recorded and Protected

Accurate records can be easily kept of the performance of every bird. Only actual layers need be retained.

The eggs are better protected than when laid in the nests. They require no washing; a washed egg is never really satisfactory.

Every egg is properly cooled because they are surrounded by air on all sides, immediately after being laid. In old fashioned nests maybe a half dozen hens set on the same egg before they are gathered. This spoils the interior quality so important today in high grade eggs.



*An ARNDT-Engineered Egg
Factory*

This large commercial plant was built according to our plans and specifications. The interior view shows the ARNDT Laying Units before the layers were installed.

Conditions Under Control

Heat, light, humidity and ventilation are under perfect control. Sanitation is maintained at a high standard. Labor is reduced to a minimum. The entire plant operates with the precision of a factory.



ARNDT "Backyarder" Laying Units

A Miniature Egg Factory for the Home Owner—Fresh Eggs Daily From Your Own Back Yard

YOU have always wanted eggs that would poach, eggs that could be boiled and safely opened perfectly fresh and clean.

Now, you can have a constant supply of delightful day-old fresh eggs from hens kept under ideal sanitary conditions. You can care for an ARNDT Laying Unit with little more time or effort than you expend upon your canary. The birds will become just as tame and are quite as interesting as canaries.

Eggs produced in this manner are rich in Vitamin D, the "sunshine vitamin." They are also more "meaty" and of superior quality to eggs produced by barnyard flocks.

These small units can be set up in any convenient place where it does not freeze in the winter. Many combinations and sizes of Laying Units can be made from these small models, as your operations expand. For instance, two 12-hen Units joined together give you a capacity of 24 birds. One 12-hen and one 18-hen Unit gives a capacity of 30 hens. Remember you can have any size as long as it is a multiple of 6.

Many of our customers who now have large commercial egg factories started with these small units and expanded as the demand grew for the high quality eggs which they produced.

At the present rate of exchange, it won't be long before most modern poultry farms will move to town. Many skilled operators will be required. Why not train yourself to be an egg factory operator, or to own and control your own plant.

Keep Accurate Egg Records

Study the production of your birds. Keep your egg record charts carefully. You can then determine just which hens are "paying rent" on their compartments. If a hen decides to quit laying, you can immediately convert her into a delicious roast chicken dinner and replace her with a new pullet.

On request, we will send you a small supply of egg record cards, when your Unit is shipped.

Construction Features You'll Like

There is only one water pan to handle for each deck and this can be quickly filled and easily emptied for cleaning. Special brackets hold these pans firmly in place.

If a bird is to be removed or another bird put into the cage it is only necessary to remove the feed pan which is also supported by special brackets. There are no gates to fuss with, not a thing to get out of order. These are complete, practical Units priced very low.

These models are equally satisfactory for all breeds of birds. We strongly recommend that you order one or more of these Units at once. Our Service Department will aid you in obtaining ready-to-lay pullets

of good breeding. Your egg supply will begin at once and will continue.

ARNDT "Suburbanite" Laying Unit

Equipped with Sanitary Paper Rolls for Easy Cleaning.

The "Suburbanite" Unit is ideal equipment for those who wish to enter the poultry business on a small scale, with a view to expansion as circumstances permit. This Unit comes in sizes from 30 hens to 60 hens.

Special Building Not Necessary

You can set up a 48-Hen Unit in a space 3½ ft. by 8½ ft. Ordinarily, such a unit can be placed in the end of a one-car garage or in any outbuilding. Only enough heat is required to keep water from freezing in winter.

*ARNDT Eg-a-Da 18-Hen "Backyarder" Laying Unit
Also Comes in 12-24-30 Hen Units*



Sanitary Paper Cleaning System

At the end of every deck is a roll of tough, sanitary paper which is pulled out to extend under the cages in lieu of dropping pans. To clean up the droppings, you merely pull out the soiled paper and fold it up for disposal. The paper is changed two or three times a week, keeping the plant always in a sanitary condition.

Each deck is equipped with a roll of paper. A fresh supply can be obtained from us when needed. A roll of paper will last about 4 months.

Convenient Water System

The water system is the most perfect we have ever devised. It may be either hand-filled or connected with a city or private water supply. The water pans are of generous size and are easily removed for cleaning.

Start a Neighborhood Business

A plant of this size should produce about fifteen dozen eggs a week. Your neighbors will be glad to obtain these delicious fresh eggs and will cheerfully pay the top retail price.

As the demand grows, you add more Units until you have a flourishing business. It requires very little

more time to care for 48 or 60 hens than for 12. You might as well enjoy a nice little income from your hobby.

Later, you can reconstruct these Suburbanite Units if desired into our large commercial units by adding automatic cleaning equipment and additional cages.

Specifications, price and details on separate sheet.

ARNDT Eg-a-Da Units Used in National Egg-Laying Contest

The outstanding feature of the Boston Poultry Show was the 6-day laying sprint under the supervision of Prof. W. F. Kirkpatrick, of Connecticut State College. ARNDT 24-Hen Eg-a-Da Units were used exclusively for accommodating the layers used in this interesting Contest.

The winners in the Leghorn class were a team of White Leghorn Pullets which had been reared completely in ARNDT Equipment. This team was in competition with 15 other Leghorn teams, most of which were reared by the floor method.

The performance of this winning team, which had already been in production for fully three months, speaks volumes for the ability of birds raised the ARNDT way to make good in hottest competition.



ARNDT
Eg-a-Da 24-Hen
"Backyarder"
Laying Units in
Use at the
National Egg
Laying Contest,
Boston Poultry
Show

Correct Ventilating Equipment For ARNDT Installations



ONLY one who has actually operated an "indoor poultry farm" fully realizes the importance of proper ventilation. Fresh air must be constantly introduced, yet drafts are to be avoided. Ventilation is closely associated with humidity control, the correct proportion of moisture in the air. Correct humidity is absolutely essential to the proper feathering of growing birds.

Don't guess at your ventilation requirements. Ask our Service Department for specifications, based on sound engineering knowledge and long experience.

ARNDT Roof Ventilators

Built with Inverted Cone and Properly Equipped for Mounting our 16-Inch Fan

There are very few makes of roof ventilators on the market which actually work in all kinds of weather. The ARNDT Ventilator is the simplest and most inexpensive of all. It operates perfectly under all conditions.

Made of heavy galvanized material. Shipped directly from factory to you.

Specifications, price and details on separate sheet.

ARNDT Ventilating Fan

Built for Heavy Duty Made in Three Convenient Sizes

Blades, 16 in.; Diameter 19 in.

Capacity; 1,800 cu. ft. of air per minute.

The ARNDT ball-bearing type exhaust fan has been designed specially by us for indoor poultry plant service, after many years of experimental work.

Eight years' practical use has proved its practical value in Poultry Room Air Conditioning. We have never known one of these fans to fail, even for a minute. Remember, a battery room fan must be capable of running 24 hours a day if necessary.

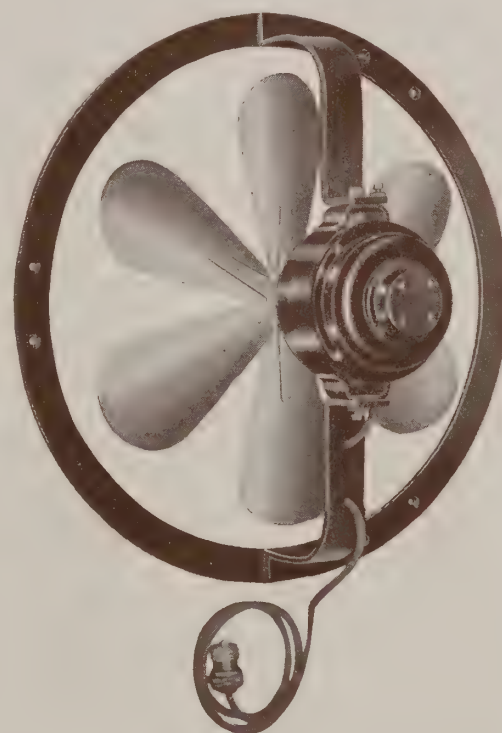
Ordinary desk fans with straight sleeve bearings and open type motors are not suited for poultry work. Experience has shown that the operating parts of the fan *must be protected from the "down" of baby chicks* which floats in the air of a chick room.

The ARNDT Ventilating Fan is equipped with induction type motor, specially wound for silence. It is cool-running, powerful, efficient, requires oil only at 6-month intervals.

Blades are of brass, accurately balanced and free from vibration. Their large area and steep pitch give great air displacement.

Complete instructions for manufacturing our latest design of air shaft will be sent *free* on request with each order. Save the cost of high-priced shafts. Get equally good or better results.

Specifications and price of fan on separate sheet.



ARNDT Thermostat — With Electric Mercury Control

This accurate ARNDT Thermostat carries the temperature within two degrees. Simple—nothing to get out of order. No points to spark or carbonize, as contact points operate in a mercury vacuum. Built with special R. A. action to control our heavy-duty fans. Starts and stops your ventilation automatically, according to your needs. Thermostat completely does away with high-priced ventilating equipment that seldom works when needed.

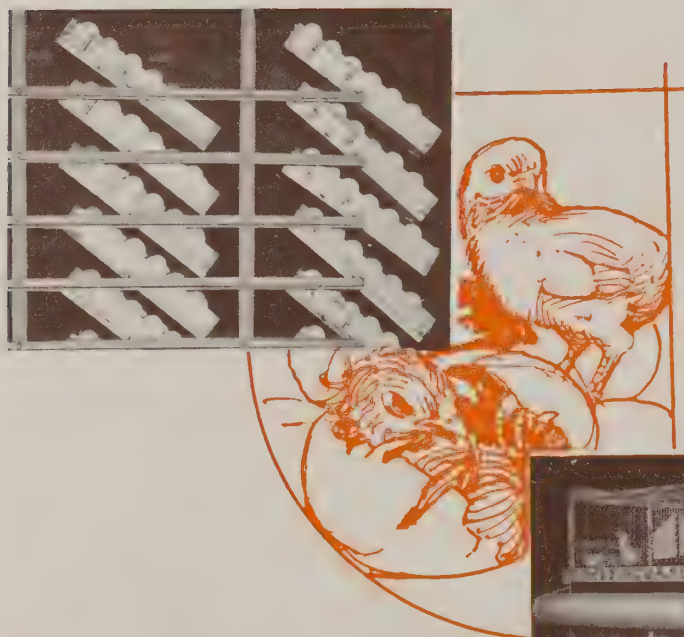
Specifications and price on separate sheet.



The Complete ARNDT "Chain" Provides For Birds

Start Chicks Every Month in the Year

The ARNDT System practically eliminates seasons. Every month you start a new brood of baby chicks. Our Service Department will see that you get the proper kind throughout the year. Every month there are four-week-old chicks, ready to be moved into the Growing Units. There are broilers to sell and 12-week-old pullets ready to be moved into the Developing Units where they can be matured into layers. There are also pullets which are ready for removal to the Laying Units. Finally, there are old hens who have completed their laying careers and can be disposed of for fricasees.



Be Independent of Old Man Weather

Seasonal fluctuations in work and income are eliminated. The work goes smoothly forward and the income flows steadily in from the proceeds of broilers, eggs and other poultry products. You are practically independent of Old Man Weather. You are master of your business.



Starting Unit

Broilers—Main Product or By-Product

To operate strictly a broiler plant, you require only the first two Units of ARNDT Equipment—Starting Units and Growing Units. Many successful plants produce broilers exclusively. Others regard broilers as a by-product incidental to the production of pullets for layers.

It requires from eight to twelve weeks to finish off broilers, according to the breed, sex and weight at which the birds are marketed. Leghorn "squab" broilers may be marketed when they will dress out at from 1 lb. to 1½ lbs. each. Heavier breeds are usually marketed when they will dress out about 2 lbs. each.

In some localities, the pullets can be sold at a nice premium over the broiler prices to those who wish to develop them into layers.

A broiler plant, operated on the ARNDT System, has a steady supply of marketable broilers every week in the year. Even if chicks are purchased only once a month, there will be sufficient variation in the rate of growth to permit of marketing broilers every week.

Because of their tenderness and juiciness, broilers produced by the ARNDT system are in great demand at top prices. Usually, they can be sold direct to housewives, restaurants, hotels and road houses at more than wholesale prices.



Growing Unit



of Poultry Equipment of Every Age, Chicks to Layers

Always Have Pullets Ready

The Developing Unit is the pullet storehouse from which you can draw a perpetual supply of new layers for your "egg factory." This Unit is so designed that the pullets get plenty of exercise. They grow strong and rugged. At from 16 to 20 weeks of age, they usually are "ripe" for the laying cages.

Pullets matured in the Developing Unit are superior in every way to those placed prematurely into the laying cages.

Good management requires that you keep your laying cages filled at all times with real layers. You cannot afford to have valuable space occupied with pullets that are not yet ready to lay or with hens that have ceased laying.

The Developing Unit is the "Missing Link" in the ARNDT Chain of Poultry Equipment. It completely fills the gap between the broiler plant and the egg factory. We consider it one of the most useful Units we have originated. It is indispensable in the well-balanced plant.



Developing Unit

Our Service Department will be glad to help commercial operators produce special "invalid" eggs for doctors and hospitals. High premiums are being paid for these specials.

A Never-Failing Egg Supply

The final link in the ARNDT Chain is the Laying Unit. In this Unit every bird is provided with her own individual compartment. With no extra labor except marking the chart, a complete record can be kept of the eggs produced by every bird. Loafers can be immediately culled out and every compartment kept on a paying basis.

Alert egg factory operators cull every month in the year. Birds which do not prove profitable layers are promptly removed and marketed. In this way, reasonably uniform production can be maintained the year around.

We first placed layers in cages in 1928. Since then, there has been vast progress in the development of egg factories. Over 2,000,000 layers are now in cages. This method is no longer an experiment but a demonstrated success.

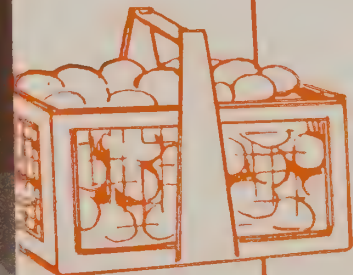
Only enough heat is used in the egg factory to prevent water from freezing. Feed and water are always within reach. The egg, when laid, rolls down the slightly inclined floor into a specially designed tray.

Proper Feed System Makes Perfect Egg

The eggs produced in a modern egg factory are sterile and therefore keep better. The whites of the eggs are firmer. The eggs are charged with life-giving vitamins. These eggs are superior in flavor to eggs produced by barnyard hens because the birds have had access only to clean wholesome food.



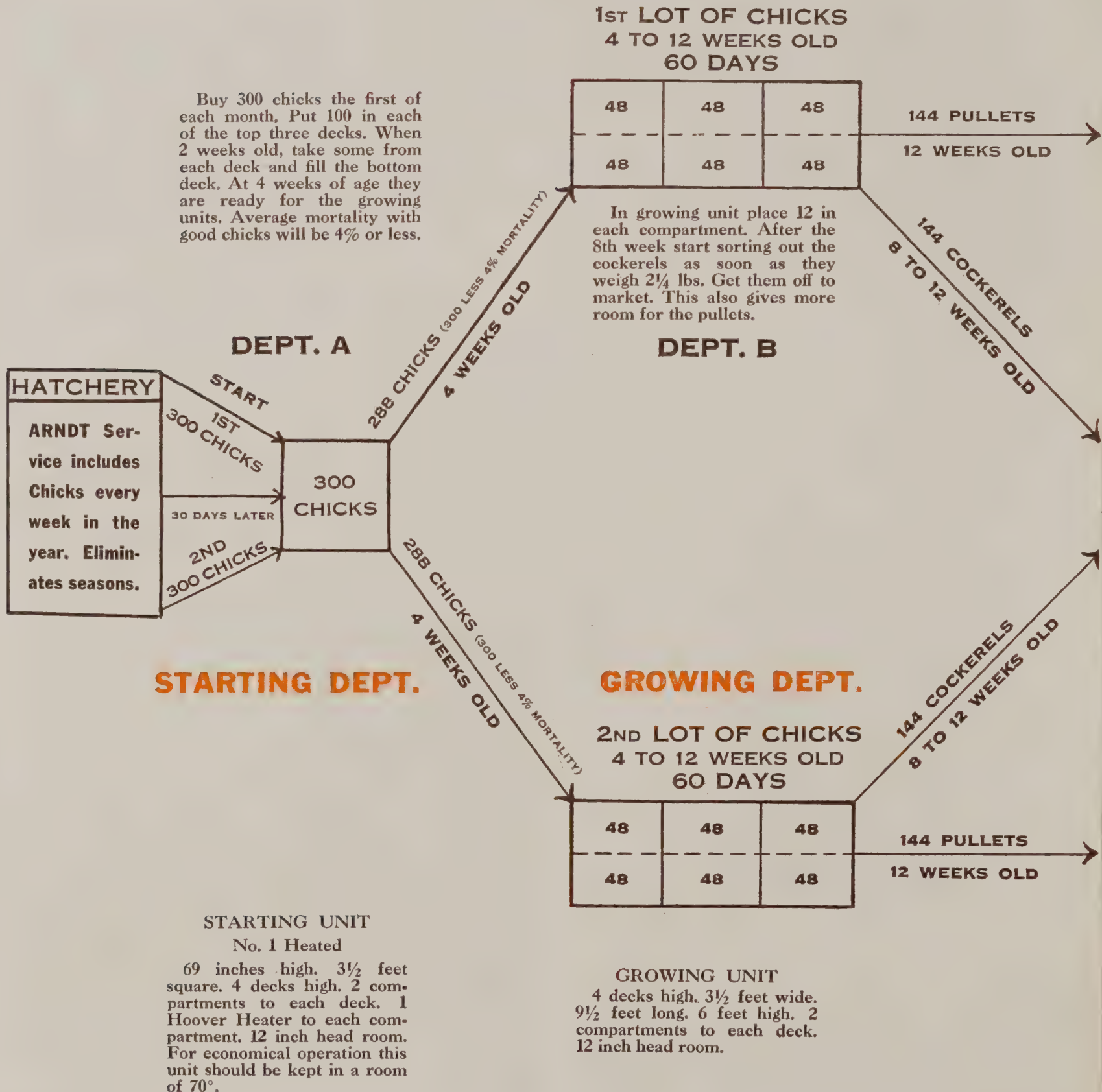
Laying Unit



The ARNDT New-Era Complete Co

Fully Explained and Illustrated

(The chart shows Continuous Operation)



Confinement System of Pullet Rearing

Illustrated in Graphic Form

(Operation every month of the year)

1ST LOT OF 144 PULLETS
12 TO 20 WEEKS OLD
60 DAYS



Only pullets go to the developing unit—12 to each large compartment. Full 18" head room here for proper developing. The first pullet eggs are very often dropped in these compartments.

DEPT. C

72 PULLETS
20 WEEKS OLD

72 PULLETS
20 WEEKS OLD



LAYING
UNITS
72 CAPACITY

1ST LOT PULLETS ARRIVE 150 DAYS
LEGHORNS IN 50% PRODUCTION 180 DAYS



LAYING
UNITS
72 CAPACITY

DEPT. D



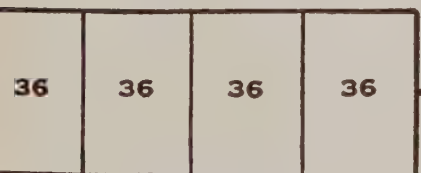
If you continue to put 300 chicks into the starting unit every 4 weeks you will have 144 pullets every month coming out into the laying units when they are 20 weeks old.

This process of manufacturing pullets can continue each month of the year. After a year you will have 1400 pullets on hand. Then, you will only have to make enough pullets to replace culls and deaths.

Average culling rate per month 3%.
Average death rate per month 1%.

DEVELOPING DEPT.

2ND LOT OF 144 PULLETS
12 TO 20 WEEKS OLD
60 DAYS



72 PULLETS
20 WEEKS OLD

72 PULLETS
20 WEEKS OLD



LAYING
UNITS
72 CAPACITY

2ND LOT PULLETS ARRIVE 30 DAYS
AFTER FIRST LOT—ARNDT HYBRIDS
IN 50% PRODUCTION 180 DAYS



LAYING
UNITS
72 CAPACITY

LAYING UNITS

3½ feet wide, 69 inches high. Each compartment 12"x18"x17".

DEVELOPING UNIT

3 decks high, 3½ feet wide, 9½ feet long, 6 feet high. 12 compartments, 18 inch head room.

ARNDT Combination Starting And Growing Production Unit

THIS is the ideal Production Unit for the beginner. Most people prefer to start their poultry operations with this Unit and then build up to a complete plant by adding other ARNDT Units as needed.

This Starting and Growing Unit is about 3½ feet square and stands 5 feet, 9 inches high. It can be set up in the garage, in an unused room in the house or in a corner of the basement.

This Combination Unit is intended to be operated in a room maintained at a temperature of approximately 70°. If there is no heat in the building, an ARNDT Oil Heater, described elsewhere in this Catalog will serve very efficiently. If you prefer to use coal for heating, a small laundry stove can be made to serve.

This Combination Unit contains eight compart-

ARNDT Combination Starting and Growing Production Unit
Capacity: 100 Small chicks on the top deck and from 75 to 100 growing birds, depending on size, in the three lower decks.



ments, two on each deck. The two compartments at the top are intended for baby chicks, day-old to 4 weeks old. Each of these top compartments is equipped with an electric Hoover-Heater. Two small "Rosy-Glow" heat bulbs in each hover supply both heat and a soft red light. The additional heat raises the temperature under the Hoover-Heater to 90° or more, the temperature required for young chicks. The rosy light enables the chicks to see, yet discourages them from picking at one another.

Feed troughs, water pans and sanitary paper roll complete the equipment of the top deck. The floor is of specially constructed wire mesh of the right size for young chicks. The droppings pass through the wire mesh and are caught upon the sanitary paper. A roll of paper for each deck is included as standard equipment, or dropping pans may be specified if preferred.

The three lower decks are intended for birds from 4 to 12 weeks old. The usual plan is to distribute the chicks from the top deck among the six compartments of the three lower decks when four weeks old. They remain there until sold as broilers or removed to ARNDT Developing Units to permit of further growth.

The three lower decks are without Hoover-Heaters, since no auxiliary heat is required. The floors in these growing compartments are built of much heavier and stronger wire mesh to support the rapidly growing birds. The feed hoppers are large and roomy, and are provided with metal lips to keep the birds from scattering the feed.

If you wish to operate this Unit as a small broiler plant with a weekly output, you can purchase 50 chicks every four weeks and place them in one of the top compartments. Used in this way, this unit has a capacity of over a dozen broilers a week.

This Unit is complete in itself, if the object is simply to produce broilers, or it may be used to supply pullets for ARNDT Pullet Developing Units.

If your aim is to build up a complete "indoor poultry farm," you will transfer the best pullets to an ARNDT Pullet Developing Unit where they may be matured for laying. Under this plan, you will add the Pullet Developing Unit to your outfit when the first pullets reach the age of 12 weeks.

Specifications, price and details on separate sheet.

ARNDT Commercial Broiler Plants

3 Sizes — 25 to 75 Broilers a Week

THESE Combination Starting and Growing Units are extremely popular with broiler plant operators. They are economical to buy and require little space. Never has more complete modern and up-to-date broiler equipment been manufactured.

<i>Unit No.</i>	<i>Capacity</i>
1	25 BROILERS A WEEK 2 Complete Sections; one deck for chicks
2	50 BROILERS A WEEK 3 Complete Sections; two decks for chicks
3	75 BROILERS A WEEK 4 Complete Sections; three decks for chicks

Each of these Units is a complete broiler plant in which you can care for the birds from the time they arrive from the hatchery until they are ready to be marketed as finished broilers or moved to the Developing Unit for raising into layers. If you wish to increase your capacity, you simply add another Unit.

These Units have many up-to-date features which make for ease and economy of operation. They are intended to be operated in a room maintained at a temperature of 70°. This temperature can readily be maintained with one of our Oil Heaters, or you can use a coal heater if you prefer.

The chick decks are equipped with Hoover Heaters.

ARNDT Complete Broiler Plant

Capacity: 50 Broilers a Week, Equipped with Sanitary Paper Rolls
May also be had equipped with Composition or Metal Belts.



ARNDT Commercial Broiler Plants — Continued

A brooding temperature of 90° or more can be readily maintained under the hovers.

These complete Broiler Units can be equipped with paper rolls, as shown below, with composition belt cleaning system or with dropping pans. We strongly recommend, however, that the composition belt cleaning system be used on the larger models.

The running water system is completely composed of aluminum fountains, easily detachable from the Units. Each section comes complete with its own copper tube water system and a separate spigot, conveniently located above the fountains. This spigot permits of very fine adjustment. Only those fountains which are in actual use need be turned on.

You will get a great deal of satisfaction from using one of these Units, because of its convenience, efficiency and economy of operation.

Start with one, the correct size for your building, and add others as your business increases.

We have given special attention to the proper ventilation of this unit. Both chicks and growing birds get an abundance of pure fresh air at all times. This is one reason why our customers succeed in producing the highest quality of broiler meat with this outfit.

How the Plant Is Operated

Let us consider just what happens to the chicks when placed in the No. 2 Unit, shown in the illustration.

The four compartments at the upper left of the

Unit, two of which can be seen, accommodate 200 chicks, day old to four weeks of age. The chicks are placed in these compartments immediately upon their arrival from the hatchery or your incubator.

Each compartment has its own independent Hoover Heater. Many of our customers start 50 chicks every week; others start 100 chicks every two weeks. The Hoover Heaters are very economical to operate; the current cost of any Hoover Heater for the complete four weeks period will never exceed 1¢ per chick.

After the chicks have been under the care of the Hoover Heater for a period ranging from three to four weeks, depending on the growth and the care given them, they are ready for transfer. If 200 are started at once, they will require the eight compartments on the balance of the two top decks. At this age, 24 youngsters can be placed in a compartment without crowding.

These growing compartments are not heated, except by the normal heat of the room. The chicks remain in these upper compartments until they show signs of crowding. They are then immediately transferred to the lower twelve units, a smaller number being placed in each compartment. Handled in this way, the chicks will make uniform growth throughout the period and you will get maximum capacity from your plant.

If you get a good quality of chicks, mortality will range between 1% and 5% during the first four weeks, after that, there should be practically no mortality until broiler age.



*A Broiler Plant Operated by the ARNDT
New-Era System*

These ARNDT Growing Units are filled with birds which are maturing into well-fleshed, tender, tasty broilers. By starting chicks once or twice a month, it is possible to market broilers every month in the year.

ARNDT Accessories

Useful and Necessary Items

They help you to make your plant more efficient and sanitary.

The ARNDT Automatic Electric Sprayer

THE BIG GUN in the WAR on INSECTS. No room or no condition is too hard to handle for this machine. It has a multiple of uses. It will automatically spray your room with very fine moist mist and carry with it your disinfectant or your insect killing material. Just load it, plug it in to the nearest electric light socket and forget it. It will do its job completely in about 15 minutes and then automatically shut off until it is reloaded.

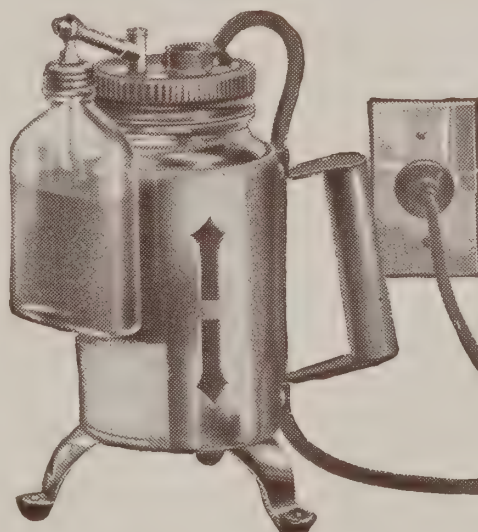
One application will completely disinfect a room of 25,000 cubic feet. It will kill all flies, mites, lice, mosquitoes, roaches or any other insects that may be in the room. Plug it in at night in your hen house, close the doors and windows and the following morning your house will be completely freed from all insects and parasites. This powerful sprayer will dig them out of every crack, crevice or hole. Not one can escape. All birds in the room at that time will be completely deloused by the action of this material.

When used with the proper killing liquid it is absolutely harmless to humans, to foods, to pets, or to furnishings of any kind.

When you plug in this big gun your job is done. It takes the place of any spray gun and does its job faithfully without any attention.

The complete outfit weighs only five pounds. It comes fully equipped with eight feet of insulated rubber cord and an unbreakable electric plug. Two containers are furnished, one for the spray material and the large heavy one for water. In this water container is an electric heating unit.

You plug this machine into an electric outlet then place the ma-



chine in any convenient place on the floor or table. After electric connection has been made the heating element immediately brings the water to a boiling point. Steam is formed and held up to ten pounds pressure. As this steam escapes it vaporizes the spray material and the combination of spray and steam comes out of the nozzle. There is an automatic safety valve to control the pressure of the steam. This stream of steam carrying powerful disinfectants begins to circulate in the room and into every crack and crevice. Within a few minutes the entire room becomes foggy and heavily laden with this powerful steam vapor which kills all insect life within its reach. After the water evaporates and gets below the level of the heating unit it automatically stops itself and shuts off the electric current. In other words, this machine keeps going until its job is done and after a little practice it can be loaded just right for any size room. You do not have to stay in the room or pay any attention to it. It will do its job and quit. Then it can be re-loaded and taken to other places on your plant.

Keep your buildings free from all pests and insect life. Keep your poultry completely disinfected and free from all contamination with this revolutionary and economical method. A necessity on every large poultry plant of any kind as well as cattle or dairy farms or wherever any type of live stock is kept on a commercial scale. The most ideal instrument that has ever been discovered for your battery plant.

The ARNDT All-Brass Continuous High Pressure Hand Sprayer

Delivers the most effective spray in any direction with least effort. The greatest single development in the entire field, of sprayer manufacturing. Continuous flow of spray with small amount of pumping.

It will handle insecticides, disinfectants, deodorants, and purifying sprays of all kinds.

Just what you need for your battery room. With this sprayer you can flood your battery room in a few minutes with powerful disinfectants and deodorants.

It is made of all brass which means no corrosion, rusting or deterioration.

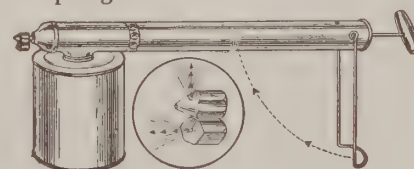
A reinforced full quart reservoir, air pressure tested to 60 pounds.

Fifty per cent greater distance of spray and force with just one or two effortless operations of the plunger.

Combination one-piece nozzle. One for a straight well-flared distance spray. The other for an under-size spray.

Adjustable folding leg that prevents sprayers from tilting or falling. It can be set down without danger of contents spilling. This leg is part of the sprayer itself and cannot interfere with the sprayer's operation.

It can be folded up against the barrel when not in use.



ARNDT 10-X Spray

This material is very aptly termed as it is ten times as strong as pure Carbolic Acid. It is noncorrosive to metals and can be used freely for disinfecting or washing all of your battery parts. For this work it can be diluted with 32 parts of water.

After each lot of chicks are taken from your batteries remove the wire bottoms, feed pans, water pans, gates, and other removable parts and wash or spray them thoroughly with this powerful disinfectant.

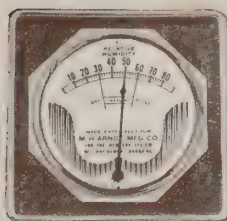
This powerful spray used just as it comes from the can is very ef-

fective against colds, roup, or bronchitis.

Do not put new lots of chicks into batteries that have not been thoroughly cleaned and disinfected. This powerful liquid can be diluted with three or four parts of water and used very effectively in the automatic spray gun or the all-brass hand-operated sprayer.

Frequent use of this material in your battery rooms will keep your rooms at par at all times. It creates a very pleasant invigorating and healthful odor in your rooms and completely neutralizes any odors of poultry.

The ARNDT Humidity Gauge



Many types of different instruments have been manufactured from time to time in order to properly gauge the percentage of relative humidity. Some of them are far too expensive to be practical, others are worthless on account of their inaccuracy.

This instrument is so sensitive that it will fluctuate from ten to fifteen degrees when held in your hand. No item is so essential for a battery room as an accurate humidity gauge. Many errors occur in the battery rooms by not knowing definitely the relative humidity of the room.

This instrument is a precision instrument the same as the thermometer. It is $3\frac{1}{2}$ inches square and is equipped with a universal fitting on the back which can be used as a stand or as a hanger. It should be installed near the center of every battery room for best results with your birds. Proper humidity affects the feather growth and the vitality of your birds very definitely.

This instrument is divided into three parts showing Dry air, Healthy air for your birds, and exceedingly Moist air and each one of these divisions show a range of thirty degrees.

The humidity of your battery room should vary with the age of your birds for best results. Special sheet inclosed shows proper humidity for each age. Follow it carefully.

This instrument is for inside use only and should not be exposed to zero weather.

ARNDT Flexible Metal Belts

To take the place of composition belts. Fits all of our belt equipped units now in use. 125 of these metal belts are in use at our demonstration farm. They have been on test for nine months. All of them are still in use and as good as new. We do not know the exact life of these belts because none have ever been destroyed. We do know, however, that they are many times superior to the standard belts now in use. Try several of them. You will like them a lot. They can also be cleaned closer. The knives cannot dig into them.

These flexible metal belts are made of a fine mesh steel wire, and the meshes are filled with a special hard compound to withstand the action of the droppings—32 inches wide and any desired length for your battery. Not sold except to owners of our Battery Equipment.



ARNDT Battery Room Thermometer

This is an accurate thermometer and suitable for all conditions both indoors and outdoors where accuracy is needed. It may be hung on the wall. The two openings at the bottom of the stand make it very convenient to attach this thermometer to any object by means of bolts or small wood screws. It can also be attached outside of the window for easy reading of outside temperatures. The stand as shown is adjustable to any desired position for use as a window or wall thermometer. The face or the dial of this thermometer is so arranged that it revolves and can be read from any position. Each one of our battery rooms is completely equipped with these thermometers and they are rigidly fastened right to the batteries with the battery bolts. A dependable thermometer, easy to read, is a necessity to every well operated battery room.



ARNDT Insecticide Killer

The cheapest, the quickest acting, and most powerful material ever placed on the market. Yet absolutely harmless to humans, food, or furnishings. Will not corrode, or destroy tissue. It has been especially prepared for steam vaporization. The vapor from it will kill all insects such as fleas, mosquitoes, mites, lice, spiders, ants, and roaches. This material is more effective than any other form of fumigation.

Why be bothered and annoyed this year with flies and mosquitoes. They carry trouble from one place to another. Delouse all the birds on your plant with one application.

This insecticide can be used either in hand-operated sprayer or the automatic spray gun. Spiders easily killed. No more cobwebs in poultry houses.

Paper Rolls Included Free

With every battery equipped for paper, we supply a large roll of tough, water proof sanitary paper for each deck. As the paper is changed under the chicks only twice a week, these rolls will last a long time. When finally used up, new Rolls for replacement can be obtained from us at \$1.25 each. Each roll 300 ft. long and correct width for your battery. Paper rolls and belts not sold to anyone unless operating our equipment. These items handled by us at cost as part of our service to customers.

ARNDT All-Metal Sanitary Egg Basket

Holds 16 Dozen 24-ounce Eggs

The proper cooling of eggs to remove animal heat is as necessary today as the cooling of milk. Here is a simple, inexpensive cooling method that produces positive results.

Place your eggs in ARNDT Egg-Baskets and set them in a cool place. The air can circulate freely around every egg. The basket is properly braced to prevent crushing of the eggs.

Light—Strong—Sanitary

The ARNDT Basket is made of metal throughout, yet it is extremely light. The bottom is removable for ease in cleaning.

These baskets are extensively used by Cooperative Marketing Associations and Egg Auctions. It is also an excellent carrier for delivering eggs to hotels, restaurants and residences on private routes.

Let your customers and their neighbors see your product attractively displayed.

We pack these baskets, knocked down, in lots of six or twelve.

Efficient Heating Equipment For ARNDT Production Units

CORRECT heating and ventilating, together with humidity control, are vital to your success with poultry. As an ARNDT customer, you have the benefit of experienced guidance. This may easily mean the difference between profit and loss. Take full advantage of ARNDT Advisory Service and assure success from the start.

This service is, of course, given only to those who

have already purchased ARNDT Production Units. We cannot undertake to service plants containing miscellaneous and unrelated equipment.

We are describing here the Heating Equipment designed for use with ARNDT Production Units; the Ventilating Equipment is described elsewhere in this Catalog.

The ARNDT Complete Oil-Burning Heating and Ventilating Plant

Compact—Economical—Tremendous Capacity

Produces 102,000 B. T. U. or enough pure, clean heat to take care of a building 30'x60' at less than zero. Forced circulation. Heat right where you need it.

This remarkable compact heating plant opens the

Explanation of Oil Heater Parts

- | | |
|------------------------|-------------------|
| 1 Leveling Screw | 6 Extension Cord |
| 2 Draft Regulator | 7 Valve Dial |
| 3 Air Inlets | 8 Spirit Level |
| 4 Removable Reservoirs | 9 Cleanout Rod |
| 5 Electric Switch | 10 Metering Valve |



way for our engineers to now combine for you ventilation and heating. It is extremely flexible and can be adapted to many uses.

Some of its uses are listed below to give you an idea of what it will accomplish.

It is a complete self-contained heating plant. Requires no plumbing or radiators.

It produces 100% pure clean heated air when needed.

It can be controlled for all conditions.

It can be used for either heating or ventilation separately according to seasons or both may be combined to do a complete job.

It can be used as a cooling plant in the summer.

It delivers heated air or cool air right where you want or need it.

It eliminates air shafts and ventilating units and will produce an even temperature throughout the room from near the ceiling to near the floor.

At slight additional cost it can be equipped to humidify the room also air-condition the room and filter all air that is re-circulated.

It can be installed in many instances directly in the room with the birds, although for special ventilating work it is best to have it in a separate very small room.

Floor space required is only 30"x50"x61" high.

It can be equipped with special adapter for two or more ducts to heat several rooms.

It burns No. 1 Furnace Oil. Consumes only one-fifth to one gallon of oil per hour according to outside weather conditions.

This fuel oil costs only 6 to 7 cents per gallon.

Cheaper by far than coal. No ashes to handle.

Can be moved from one location to another in 5 minutes. Complete machine delivered set-up and ready to operate.

The ARNDT Complete Oil-Burning Heating and Ventilating Plant — Continued

Heavy-duty blower for ventilating built in as integral part of machine. Blower can be operated at six different speeds. Burner also has six different adjustments.

No special wiring necessary. Just plug into 110 volt A.C. electric light socket, light burner and in fifteen minutes an overwhelming supply of pure fresh heated air is ready to do your bidding.

To give you an accurate picture of the capacity of this complete plant, it might be well to state here that with proper ducts it will take perfect care of a large six room house at less than zero. Ideal also for large school rooms, shops, assembly halls, garages and stores. Write our engineering department regarding any special uses you might want to adapt this heater to. We shall be glad to quote you.

To insure the maximum comfort and health of your birds, the air that they breathe must have three fundamental qualities. It must be *clean*; it must carry the correct *amount of moisture*; and it must keep *all parts* of the building or rooms at an *even* temperature by being properly warmed and properly circulated.

Air that has these qualities is commonly called *conditioned air*. The time has come when no battery plant can afford to be without it. To install a plant of this kind was once an ambitious and expensive undertaking; but this is no longer the case. This new plant performs its task in a simple way, operates without noise, has no complicated machinery, takes up little room, and costs little to operate.

This new Compact Complete Heating and Ventilating plant is attractively finished in walnut grained porcelain enamel with black enamel base. Its color and beauty of design make it especially adaptable to any room or surroundings.

In short, this new complete plant is designed to heat the greatest possible area with the maximum of efficiency and the minimum of cost of operation.

It comes complete, ready to operate, with two enclosed five gallon oil tanks or complete with constant level controls for attachment to large outside tank.

This Heating and Ventilating Plant is fully approved by the Underwriters' Laboratory.

Specifications, price and details on a separate sheet

Small ARNDT Oil Heater

AFTER exhaustive tests, we have selected the famous ARNDT Heater with a special ARNDT Burner as best adapted to the brooding plant. This heater burns 38-40 distillate, kerosene or No. 1 fuel oil, all inexpensive. The fuel consumption varies from 1½ to 4 gallons per 24 hours, according to the weather. Fuel oil can be purchased at from 6 to 7 cents per gallon.

The special ARNDT Burner produces a blue flame on low; orange and yellow on high. There are no wicks or moving parts.

The body of the Heater is made of 20-gauge ARMCO rust-resisting metal, finished in black enamel.

After experimenting with different types of heaters, we have come to the conclusion that a properly designed oil heater is the most satisfactory for the small brooding plant.

Cheap fuel oil and distillate, now obtainable almost everywhere, make the operation very economical.

The temperature can be regulated very closely, an accuracy difficult to match with other forms of heating equipment.

An oil heater requires less attention than coalburning heaters. There are no grates to shake, no dampers to watch and no ashes to remove.

Comes to you complete with 5 Gallon tank and all fittings. All set up and ready to light. No assembly work necessary.

Specifications, price and details on a separate sheet



ARNDT Battery-Minded Chicks

Our Service Plan Now Completes One More Forward Step

FOR four years we have been searching, testing and experimenting with thousands of different chicks. Our object was to produce as closely as possible the perfect chick for work in our "Indoor Poultry Farms."



An ARNDT White Hybrid Chick

The quality of the stock you put into your Arndt production units largely determines your success. The beginner is likely to be tempted to buy cheap chicks, and we know that no greater mistake can be made.

The more intensive this system, the more necessary it is to have chicks of high quality. By

high quality, we mean inherited vigor and ruggedness and the adaptation for the work you want to accomplish.

It costs just as much to feed, handle, and care for a pullet from day old to five months of age regardless of her breeding and production qualities. The poor one may only average a hundred eggs a year while a good one may produce from 200 to 275 and often as much as 300 eggs in a year.

In the past and even now, you read plenty of chick advertisements which state the words Bloodtested—Accredited—R.O.P.—Triple A Quality and many other phrases. Out of all of this accumulation of pet phrases we find in actual practice only two factors which are really and truly important and without which nothing else matters much.

Those two factors are nothing more or less than:

Livability and Productiveness

Those are really the only two things you are vitally interested in. With those two factors plus good feed, good equipment and good management and you have every reason to succeed with poultry.

So, as usual, in our Pioneering work with battery equipment, we again lead the field in our ideas of right and wrong and produce for you these splendid chicks.

The splendid livability and productiveness of these birds with proper care will produce the finest full feathered broilers and the pullets will lay plenty of large eggs of high quality. This combination will show you a good profit and that is all you are fundamentally interested in.

We now take great pleasure in introducing you to the

ARNDT White Hybrid (A Unique Cross)

ARNDT Single Comb White Leghorn

ARNDT New Hampshire Red

ARNDT Barred Plymouth Rock

The first two we consider the finest all-purpose money-making birds. They are both highly recommended for broiler work and laying cage work and have been thoroughly tested for this job.

The latter two were primarily selected for straight broiler work although we can also highly recommend the New Hampshire Red pullets for laying cage work. Frankly we do not believe our Barred Rocks will make good layers in cages. They are recommended to you only for the production of broilers which are to be sold alive. If you are going to specialize in dressed broilers we would then highly recommend to you our Hybrids as the most suitable bird available.

ARNDT Hybrid a Unique Cross

Nowhere else in the world can you procure a chick similar to the ARNDT Hybrid. We produced over thirty different kinds of Hybrids before we hit upon the exact cross best adapted for our purpose.

The ARNDT Hybrids are almost pure white birds, an important point in producing dressed broilers. About 90% of the eggs run pure white, the remainder being lightly tinted with cream. The average size of the eggs is excellent. Weights average well over 24 ozs. to the dozen during most of the pullet year, and 25 ozs. or more after the first molt.

ARNDT Hybrids make the finest broilers we have seen, and we have tested all important breeds.

ARNDT Battery-Reared Pullets

Every month of the year we start groups of ARNDT Leghorns and ARNDT Hybrids. Therefore, we have constantly on hand an available supply of these pullets at various ages and we shall be glad to supply you with your requirements if possible.

Write for special chick and pullet folder together with our latest prices.

Compliance
Certificate
No. 6770

Member of New
Jersey Baby Chick
Association



An ARNDT White Leghorn Chick

ARNDT Training School

An Intensive One-Week Course for \$50.00, Credit Certificate Plan Cuts Tuition Cost

THE ARNDT Training School has grown naturally out of the needs of our customers. Those who have purchased complete plants have felt the need of systematic training before entering upon their duties.



This training, we have given at our Demonstration Farm where students actually perform every operation from receiving the chicks to grading the eggs. Many plant owners and managers are now successfully operating independent plants as the result of this training.

In order that every worthy commercial user of ARNDT equipment might enjoy the benefits

of this practical instruction, we have organized the ARNDT Training School.

The Course includes both practical and class-room work, personally supervised by 3 trained instructors, guided and led by the founder of the ARNDT System.

The work of our regular staff is supplemented by lectures from time to time by leaders in this modern system and large plant owners.

Upon completion of the Course, each student who passes the test receives a Certificate of Proficiency, Free Enrollment in our Employment Department, and the privilege of free Consultant and Engineering Service after graduation.

The graduate student is also provided with two complete textbooks, Cost Sheet and Record Charts.

The Tuition for this one-week Course is \$50.00.

As an ARNDT customer, we offer you a plan which will reduce or entirely eliminate the cost of your tuition. With every purchase of ARNDT Equipment up to the total amount of \$500.00, we will issue to you a Tuition Credit Certificate for 10% of the amount of the purchase. Suppose that you decide to take the Course after accumulating \$30.00 in Tuition Credit Certificates. You would turn in your Certificates and pay \$20.00 in cash.

After completion of the Course, we would allow you a Tuition Rebate of 10% on all equipment purchased until you receive allowance for the full amount of cash that you advanced for Tuition.

If you are employed, purchases of ARNDT Equipment by your employer will entitle you to the Tuition Credit Certificates and Tuition Rebates, exactly as though the purchases were made on your own account. Your employer will approve of this arrangement, as the training makes you much more valuable to him as an employee.

If, for any reason, you do not use your Tuition Credit Certificates within one year, we will cash them for you at one-half their face value.

If you are interested in taking the Training Course, write for pamphlet, giving curriculum and full details.

Read What Others Think of This Unique ARNDT Service

Week's Training Better Than 50 Books

Just returned home tonight. My stay this past week at your Demonstration Plant will be of great value to me in operating my broiler and laying plant. I received more instructions and help in that altogether short week than could possibly be absorbed from fifty books. Real practice like this makes me feel confident. The last 500 cages are now set up and everything is ready to go. Best wishes for your continued success and the wonderful help you have given me in this practical training.—H. G. R., Michigan.

Orders Another Carload of ARNDT Equipment

The first 1,800 cages are filled to capacity. I will now need one starting unit, two growing units and two developing units and 1,700 more cages to fill the second floor. Will appreciate it if you will send this second lot of equipment complete in one freight car, securely packed, the same as last year when my first order was given. I have not been able to supply either sufficient broilers or eggs to meet the demand of my local hotel trade.—H. B., Michigan.

ARNDT Service Steps Up Egg Production

The hens in the big house have snapped out of it with a bang as you predicted they would under the treatment you recommended. The personal attention they have been getting would be envied, I am sure, by guests at our best hotels, Urban not rural. They have music with their meals and all the rest of the service you mentioned and I beat your prediction that you could raise their production 100 eggs in a week.—F. J. W., Michigan.

Big Plant Installs Laying Units

THE following report was received from the manager of a large estate a little more than one year after making his first installation of ARNDT Laying Units, which consisted of 3,500 cages. This installation was personally supervised by Mr. M. H. Arndt. We have the original letter on file but are withholding the name by request.

"I feel," writes the manager, "that you will be interested in some figures prepared by our auditors regarding the operating costs of our poultry plants for the past two seasons.

"As you no doubt remember, in the Spring of 1931 we were using the floor system for brooding our chicks and rearing our pullets and had our flocks scattered all over our large farm in order to hold down the losses from Cannibalism and Coccidiosis.

"Later in 1931, we installed your complete ARNDT pullet rearing plant for the production of pullets in confinement and in early 1932 we started installing your Laying Units in our large four-story poultry house. To date (1933), we have installed 3,500 of these cages and will soon be ready to equip another floor with 2,000 more.

"The following figures are very interesting and certainly speak for themselves regarding the advantages that can be obtained through the operation of your complete confinement program."



Layers on Floor—Old Method
The second floor as we found it. Damp litter poor ventilation; food hoppers and drinking fountains shared by hundreds of birds.



Layers in Cages—ARNDT New-Era Method
Every bird in a clean, sanitary cage, protected from cannibalism and disease. Eggs roll to safety in specially constructed wire trays.

1931 Figures

All Pullets reared on Range and transferred to laying house on the floor.

Chicks Purchased.....	12,000
Mortality	25%
May and June Chicks heavily infested with Coccidiosis.	
Pullets housed in August and September.....	4,093
Pullets Alive on December 31st	3,088
Loss between housing and December 31st (Pullets).....	1,005
This loss of pullets itemized as follows:	
Prolapse and Cannibalism	442
Coccidiosis	563
	1,005
or 25% during the first half year.	
Value of each pullet.....\$	1.50
Value of first four months of lay.....	1.00
Net loss of pullets and Eggs.....	\$2,512.50

1932 Figures

All Pullets reared from Day old to Maturity in Batteries

Chicks purchased.....	7,900
Mortality	10%
No Coccidiosis or Worms.	
Pullets housed in ARNDT Laying Units. First Egg July 13th. Production August 17th—16½%. All pullets caged. None culled. On August 17th 160 were culled which included runts, weaklings, etc. Now on hand 3,240 pullets. Loss with laying units till November 1st—5% or 200 Pullets. No loss from Coccidiosis worms and Cannibalism to present date....	3,240
Net loss on 200 dead pullets.....	\$ 500.00
A saving over last year's work of over.....	2,000.00
4100 less chicks purchased.....	615.00
6½ less tons of feed consumed on rearing program.....	227.00
Plus saving of 3 men's labor over same period last year which was @ \$15.00 per week.....	1,170.00
Net Saving, due to ARNDT Laying Units.....	\$4,012.00
Production on November 1st, 62%.	

Since this report was made, the manager has carried out his plan to install additional ARNDT Laying Units, increasing his capacity from 3,500 to 5,500 birds.

If you are keeping layers by the conventional floor method, you can double the capacity of your houses and reduce mortality with ARNDT Laying Units.

You have a complete individual record of every layer without the tremendous labor and expense of trapnesting.

You can forever eliminate scratching litter with all its expense, labor, dampness and filth.

Cannibalism, soil borne diseases and parasites can be entirely eliminated.

Your work can be put on a regular schedule, with monthly culling of layers, followed by replacement with layers.

You can operate your plant on a factory basis with every factor under control.



ARNDT-Engineered

Poultry Plants

True Stories of Success By Users of ARNDT Equipment

PEOPLE from all walks of life have successfully used the ARNDT System of Poultry Raising. Some of these have had no previous experience with poultry. Others were veterans who knew from bitter experience the drawbacks of the range and floor methods. All are finding both pleasure and profit through raising poultry in this modern way.

We have in our files originals of all the letters published here, also thousands of others which space does not permit us to publish. ARNDT Production Units are also in use in many Commercial Poultry Farms and Egg Factories in some 50 foreign countries.

Gets Good Results—Will Expand

I have three of your units and am getting very good results and I hope to be able to equip another room 20 ft. x 20 ft. soon—G. W. F., Conn.

I would like to purchase two more sixty-hen Units this next summer. Everything is working fine and my pullets are doing fine, I will plan to send you some records later.—W. C. L., Kansas.

ARNDT Unit Successfully Used In Basement

I have been entirely satisfied with the Unit I have been trying out, and this is the first step in the direction of enlarging a little at a time. These new ones will also go into my basement. Being well ventilated, I have found no objectionable features in keeping them there. Of course, I keep things very clean. I am glad to be able to send this order and to tell you how entirely satisfied I am with the Unit I already have in operation.—G. H., Mass.

Beginner Has Good Success

Am writing you to let you know how we like the twenty-four hen laying unit we received about two months ago. This is my first experience with Poultry and I think the idea of confinement raising is the only way.—H. M., Mich.

Everyone Admires Water System

My Commercial Egg Factory is in full operation, I filled it with S. C. White Leghorn pullets of April hatch, got them August 22nd. They seemed to start right off, one pullet laid six eggs, another three.

Your water system is absolutely the best I have ever seen; everybody remarks about the regularity of flow.—C. J. R., Penna.

Cleaning Equipment Easily Operated

My own 60-Hen Unit is working out very satisfactorily. The two-Hen Units at Aiea are giving a good account of themselves. I will expect the belts on my unit to last for a year because we have them working so nicely. My wife who is much interested

in our equipment has sometimes manned the cleaning rollers all by herself, I think she likes to know that it can be done so easily and so well.—G. B. T. H. Islands.

Will Put All Hens Into ARNDT Units

Our business has been so good that we have not had any time to write before. We have been selling everything that we can produce. We are working on our new Egg Factory and would like more Growers and would like to get all of our hens into laying units.—B. P. F., Illinois.

Appreciate ARNDT Individual Service

We value very much your visit here, only it was too short. Your suggestions and advice have been of much help to us and we would like to thank you again. We are quite encouraged to think that Spring is so near at hand. The hens are laying real well and we could dispose of lots more broilers than we have been able to raise as yet.—C. T., New York.

Raised 9,000 Chicks First Season

I am very satisfied with your equipment, and this season I reared nearly nine thousand baby chicks in your starting units. From the growing units I have already sold two thousand broilers and I have still two thousand Leghorns two pounds at eight weeks. I have not enough broilers for my customers, so maybe I shall increase my installation next season.—J. M., France.

Please Note:—Since above letter was written his installation has been increased three times.

Growing Units Working Well

Please ship me at once one more of your single complete growing units. The two sectional growing units I received from you in the past are working fine. The chickens I have in them now are six weeks old today and they weigh from a pound to a pound and a half. I think that is good, don't you?—J. K., New York.

ARNDT Laying Units Liked Abroad

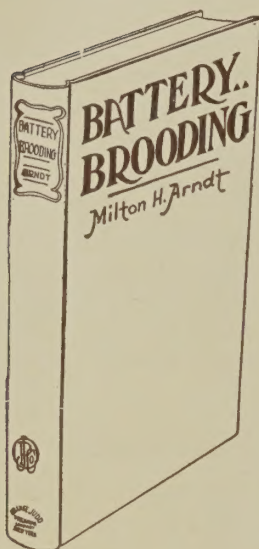
I have 1,300 mostly Leghorns and some incubations for June 5th of eggs produced from my experimental hens that have laid over 70% during the experiment. The faith that I have in this, which is being watched very sharply, can be judged from the fact that, by November 1st, I expect to have from 5,000 to 6,000 in ARNDT Laying Units.—F. W. C., Spain.

Successful Backyard Plant

My poultry is now laying in fine shape. Out of 90 that are in Laying Units I get 5 dozen eggs a day.—H. C., Michigan.

BATTERY BROODING

By MILTON H. ARNDT, *Battery Specialist*
The Standard Textbook on the Subject



EVERY poultryman and hatcheryman needs Mr. Arndt's 320-page book, "Battery Brooding." Step by step, this book presents the whole subject of battery brooding in minute detail. Using this book as a guide, a Pennsylvania school teacher raised 9,000 broilers the first year. He realized from these three times as much profit as he had been receiving for his teaching.

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makes the book easy to read. It is recognized by experts everywhere as the most complete and authoritative work on the subject.

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Batteries Now on the Market
The Batteries' Place on the Modern Poultry Plant
The Batteries' Place in Hatcheries
What Batteries Accomplish
Principles
Planning Your Battery Room
Your Chick Supply
Operation of Batteries
Cod Liver Oil
Feeds and Feeding Practices
Sanitation
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Marketing the Battery Birds
Diseases, New Development and Uses—Including
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Via
The ARNDT *New-Era* System
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BY MILTON H. ARNDT

OUT of his rich experience, Mr. Arndt has written this dependable guide to a complete system for rearing and keeping poultry in confinement.

This book is intended both for the beginner who wants to start aright and for the experienced poultryman who is considering changing his plant to a close confinement basis.

It shows how the beginner can start wherever he is and master the principles of confinement poultry-keeping while still holding his job in store, office or factory. It explains every step in developing a profitable side-line business which can be expanded into a full-time business when desired.

Below is a partial list of the Contents:

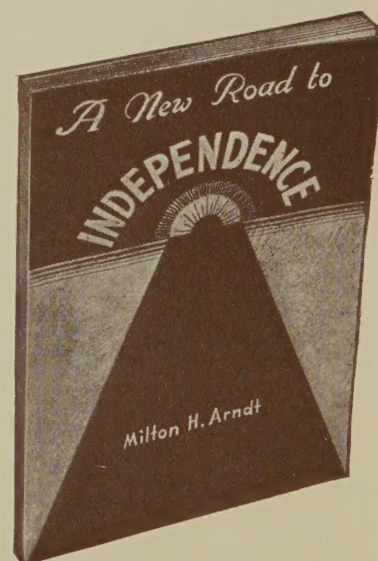
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Your Building to Start With Practical Plans for
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